

## SERVICE INSTALLATION CHECKLIST

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

|  |                     |
|--|---------------------|
| <b>Operator: AMEREN ILLINOIS COMPANY</b>                           | Operator ID#: 32513 |
| <b>Inspection Date(s): 10/13/2015, 10/14/2015, 10/15/2015</b>      | Man Days: 3         |
| <b>Inspection Unit: Champaign</b>                                  |                     |
| <b>Location of Audit: Champaign</b>                                |                     |
| <b>Exit Meeting Contact: Kevin Glaspy</b>                          |                     |
| <b>Inspection Type: Design Testing and Construction</b>            |                     |
| <b>Pipeline Safety Representative(s): Donald Hankins</b>           |                     |
| <b>Company Representative to Receive Report: Michael Fuller</b>    |                     |
| <b>Company Representative's Email Address: mfuller2@ameren.com</b> |                     |

| CONSTRUCTION INFORMATION  |  |                |
|---|--|----------------|
| <b>Location of Construction:</b><br>2004 John Drive, Mahomet, Illinois  | <b>Construction Performed By:</b><br>Ameren Illinois Gas Company Employees |                |
| <b>Contractor Foreman:</b>  | No contractors at the job site.  |                |
| <b>Operator Inspector:</b>  | Kevin Glaspy, Quality Assurance  |                |
| Person(s) On Job Site   |  |                |
| Jared Duzan   | Dan Zwilling   | Dillion Linton |
|   |  |                |
|   |  |                |
|   |  |                |
| <b>Description of Construction:</b><br>Ameren Illinois was installing a new 1 inch plastic service line to 2004 John Drive, in Mahomet, Illinois. The service line was 1 inch PE Driscoplex pipe, ASTM D-2513, PE 2406/2708, .099 wall, and was air tested to 101 pounds for 14 minutes, with no leaks being found. |  |                |

| SERVICE INSTALLATION   |       | Status     |
|--|-------|------------|
| [192.55]   | Steel | <b>No</b>  |
| <b><u>General Comment:</u></b><br><i>There was no steel pipe installed at this location.</i> |       |            |
| [192.59]   | PE    | <b>Yes</b> |
| <b><u>General Comment:</u></b><br><i>The pipe was 1 inch Driscoplex plastic.</i>             |       |            |

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| [192.59]   | Other  | <b>No</b>             |
| <b><u>General Comment:</u></b><br><i>No other pipe was installed at this location.</i>                           |  |                       |
| [192.619,192.621,192.623]  | MAOP   | <b>60# MAOP</b>       |
| [192.5]  | Class location :   | <b>Class 3</b>        |
| [192.53]   | Are components qualified for use?                                  | <b>Satisfactory</b>   |
| <b><u>General Comment:</u></b><br><i>All components was qualified for use at this job site.</i>                  |  |                       |
| [192.63(a)(2)]   | Pipe Size :  | <b>1 inch</b>         |
| [192.55,192.59]  | Specification :  | <b>ASTM D-2513</b>    |
| [192.55,192.59]  | Manufacturer :   | <b>Driscoplex</b>     |
| [192.55,192.59]  | Pipe Grade :   | <b>PE 2406/2708</b>   |
| [192.55,192.59]  | Wall Thickness :   | <b>.099 wall</b>      |
| [192.63]   | Are pipe, valves, and fittings properly marked for identification? | <b>Satisfactory</b>   |
| <b><u>General Comment:</u></b><br><i>All pipe and fittings were marked properly.</i>                             |  |                       |
| [192.227]  | Welder qualification date:   | <b>Not Applicable</b> |
| <b><u>General Comment:</u></b><br><i>No welder at this job location.</i>   |  |                       |
| [192.227]  | Welder's Name:   | <b>Not Applicable</b> |
| <b><u>General Comment:</u></b><br><i>No welder at this job location.</i>   |  |                       |
| [192.225,192.275,192.277,192.279,192.283]  | Is pipe joined in accordance with approved written procedures?     | <b>Satisfactory</b>   |
| <b><u>General Comment:</u></b><br><i>The pipe was joined accordingly to the O&amp;M procedures.</i>              |  |                       |
| [192.285]  | Date of Qualification :  | <b>2-4-15</b>         |
| [192.285]  | Joiner's name:   | <b>Dan Zwilling</b>   |
| [192.455]  | Is buried metallic pipe coated?                                    | <b>Not Applicable</b> |
| <b><u>General Comment:</u></b><br><i>There was no metallic pipe in the area of the new installation of pipe.</i> |  |                       |
| [192.455(a)(1)]  | Is cathodic protection being provided?                             | <b>Not Applicable</b> |

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| <b><u>General Comment:</u></b>   |   |                       |
| <i>This is an all plastic system.</i>  |   |                       |
| [192.455(a)(1)]  | Is cathodic protection being provided? By Anodes:                                   | <b>No</b>             |
| <b><u>General Comment:</u></b>   |   |                       |
| <i>This is an all plastic system.</i>  |   |                       |
| [192.455(a)(1)]  | Is cathodic protection being provided? By Rectifier:                                | <b>No</b>             |
| <b><u>General Comment:</u></b>   |   |                       |
| <i>This is an all plastic system.</i>  |   |                       |
| [192.461]  | Does coating meet 192.461?  | <b>Not Applicable</b> |
| <b><u>General Comment:</u></b>   |   |                       |
| <i>This is an all plastic system.</i>  |   |                       |
| [192.461(c)]   | Is coating inspected just prior to being installed in the ditch?                    | <b>Not Applicable</b> |
| <b><u>General Comment:</u></b>   |   |                       |
| <i>This is an all plastic system.</i>  |   |                       |
| [192.479]  | Are above ground facilities cleaned and coated or jacketed as needed?               | <b>Satisfactory</b>   |
| <b><u>General Comment:</u></b>   |   |                       |
| <i>The gas caring riser was clean and coated at the meter set.</i>   |   |                       |
| [192.467]  | Are pipelines electrically isolated from other underground metallic structures?     | <b>Not Applicable</b> |
| <b><u>General Comment:</u></b>   |   |                       |
| <i>No underground metallic structures in the area of work being performed at this location.</i>                                |   |                       |
| [192.319]  | Is ditch back-filled to provide firm support and prevent damage to pipe or coating? | <b>Satisfactory</b>   |
| <b><u>General Comment:</u></b>   |   |                       |
| <i>The pipe was covered with dirt before back-filling was performed.</i>   |   |                       |
| [192.321(c)]   | Is plastic pipe installed as to minimize shear and tensile forces?                  | <b>Satisfactory</b>   |
| <b><u>General Comment:</u></b>   |   |                       |
| <i>A sleeve was installed at the service connection at the tapping tee to provide protection from shear and tensile forces</i> |   |                       |
| [192.321]  | Does plastic pipe have means of locating while underground?                         | <b>Satisfactory</b>   |
| <b><u>General Comment:</u></b>   |   |                       |
| <i>Tracer wire was installed in the ditch to provide locating means.</i>   |   |                       |

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| [192.327(a)]   | Is required cover being obtained for the service line?                                     | <b>Satisfactory</b> |
| <b><u>General Comment:</u></b><br><i>Required cover depth was obtained during service installation.</i>                                      |  |                     |
| [192.503]  | Are general testing requirements being met?  | <b>Satisfactory</b> |
| <b><u>General Comment:</u></b><br><i>An air test was conducted on the new service line at 101# for 14 minutes with no leaks being found.</i> |  |                     |
| [192.517]  | Are records being made of strength and leak tests?   | <b>Satisfactory</b> |
| <b><u>General Comment:</u></b><br><i>Records are being maintained of strength and leak test of the service lines.</i>                        |  |                     |
| [192.807]  | Were covered employees Operator Qualification records reviewed to ensure qualification?    | <b>Satisfactory</b> |
| <b><u>General Comment:</u></b><br><i>Operator qualifications records were inspected before the work was performed</i>                        |  |                     |
| [192.805(c)]   | Were non-qualified personnel being directed and observed by a qualified individual?        | <b>Satisfactory</b> |
| <b><u>General Comment:</u></b><br><i>Non-qualified employees were being direct observed by qualified employees.</i>                          |  |                     |
| [192.805(c)]   | Were span of control limitations being followed?   | <b>Satisfactory</b> |
| <b><u>General Comment:</u></b><br><i>Span of control was one on one and was being maintained.</i>  |  |                     |
| Was a Protocol 9 (Form 15) Completed?  |  | <b>No</b>           |
| <b><u>General Comment:</u></b><br><i>A protocol 9 was not performed for this job.</i>  |  |                     |
| [192.614]  | Were One Call Notifications performed as required?   | <b>Satisfactory</b> |
| <b><u>General Comment:</u></b><br><i>Ameren Illinois had a Julie one call notification at the work site.</i>                                 |  |                     |
| [192.614]  | Dig Ticket #   | <b>X002782034</b>   |
| [192.383(b)]   | Is an EFV installed on any new or replaced service line serving a single-family residence? | <b>Satisfactory</b> |
| <b><u>General Comment:</u></b><br><i>An EFV was installed at the tapping tee for this service line.</i>                                      |  |                     |
| [192.751]  | Are adequate steps taken to minimize the potential for accidental ignition?                | <b>Satisfactory</b> |

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**General Comment:**

*Steps were taken to minimize the potential for accidental ignition.*

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